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PATENT ABSTRACTS OF JAPAN(21) Application number: **11174126**(51) Intl. Cl.: **C08L 83/12 A61K 7/00 A61K 7/06 A61K 7/48 C08G 77/46**(22) Application date: **21.06.99**

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publication: **09.01.01**(84) Designated contracting
states:(71) Applicant: **SHISEIDO CO LTD**(72) Inventor: **OMURA TAKAYUKI
NANBA TOMIYUKI**

(74) Representative:

**(54) WATER-IN-OIL TYPE
EMULSION COSMETIC
HAVING HIGH INNER
WATER PHASE CONTENT**

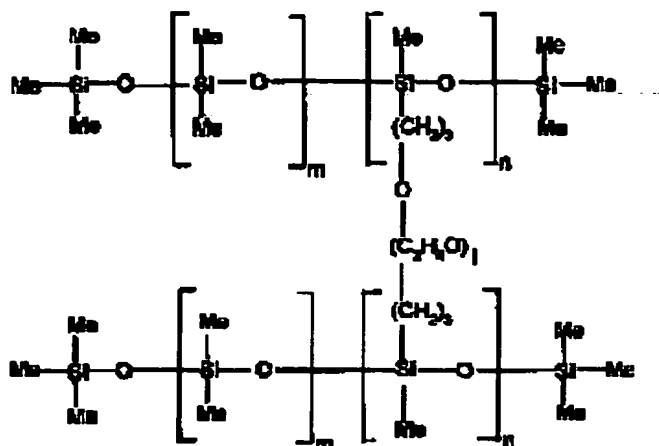
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject cosmetic which can contain water in a large amount, has excellent stability, and can exhibit excellent usability such as non-stickiness, by combining a specific emulsifier with a specified high mol.wt. silicone in a specific compounding rate.

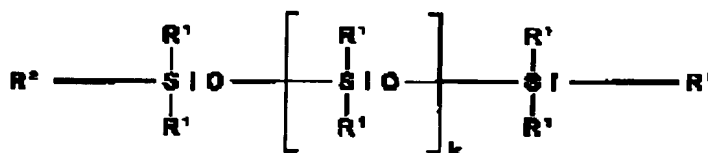
SOLUTION: This water-in-oil type emulsion cosmetic comprises (A) a cross-linked polyether-modified silicone of the formula I [(1) is 3 to 30; (m) is 10 to 200; and (n) is 1.0 to 10.0], (B) a high mol.wt. silicone of formula II [R1 is methyl or phenyl; R2 is methyl or hydroxyl; and (k) is 3,000 to 20,000] and/or an amino- or ammonium-modified high mol.wt. silicone of formula III [R3 is methyl

or the like; R4 is the same as R3 or the like; R5 is a substituent having an amino or ammonium group; (m), (n) are a positive integer; (m)+(n)=3,000 to 20,000; and (n)/(m) is 1/500 to 1/10,000], and (C) an aqueous phase in amounts of 0.1 to 10 wt.%, 0.1 to 10 wt.%, and 50 to 90 wt.%, respectively, based on the total amount of the water-in-oil type emulsion cosmetic. The cosmetic can impart flexibility to skins and hair, and has high stability.

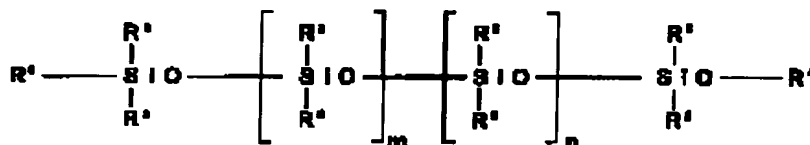
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I



II



III